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# STRUCTURE OF p53



TA: transcription activating domain

DNB: DNA-binding domain

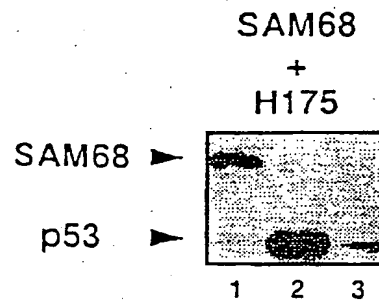
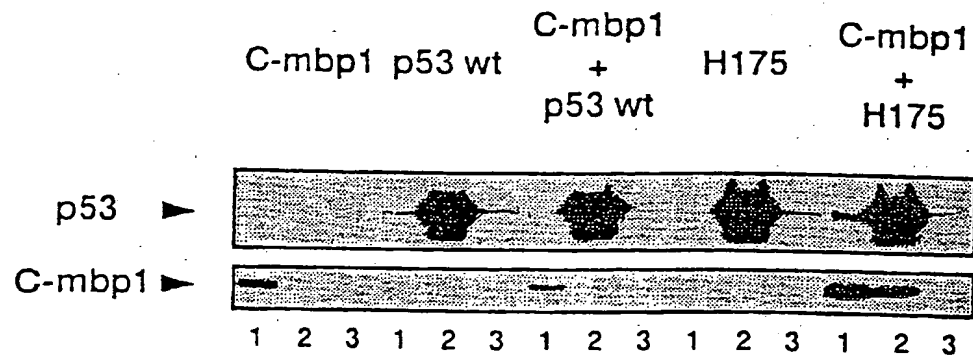
NLS: nuclear localization signal

OL: oligomerization domain

REG: regulatory domain

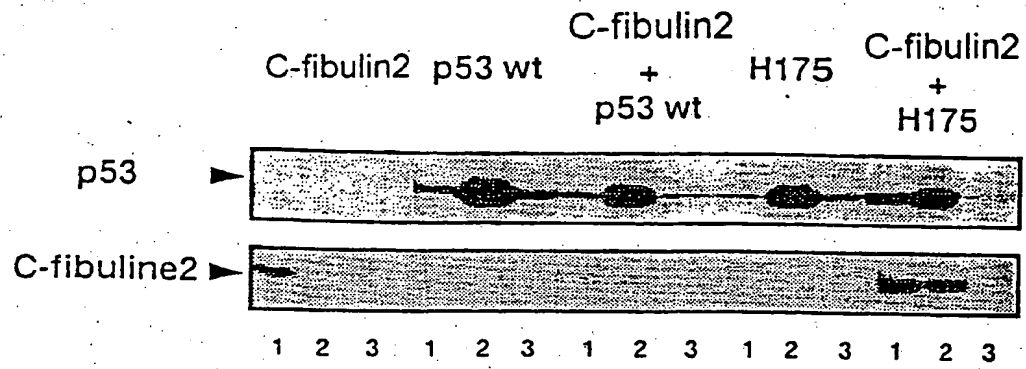
cysteine

Figure 1



- 1: anti-myc antibody (9E10)  
 2: anti-p53 antibody (DO1)  
 3: nonspecific antibody (PAb416)

Figure 2



- 1: anti-myc antibody (9E10)
- 2: anti-p53 antibody (DO1)
- 3: nonspecific antibody (PAb416)

Figure 3

-----VAETPDFCPP-PSRLMPLFASCLPGSLLLWAFLLLLLGAA SPQDPEEPSYTEC  
SQPSRQSRGPRGCRGNP--RMPLPCASCLPGSLLLWALLLLLLLGSA SPQDSEEPSYTEC

murine  
human

TDGYENDADSQHCRDVNECLTPEACKGEMKCINHYGGYLCCLPRSAAVISDLHGEGPPPP  
TDGYENDPDSQHCRDVNECLTPEACKGEMKCINHYGGYLCCLPRSAAVINDLHGEGPPPP  
\*\*\*\*\*

murine  
human

ΛΑΗΑQQPNPCPQGYEPDEQEESCVDVDECTQALHDCRPSQDCHNLPGSYQCTCPDGYRKIG  
VPPAQHPNPCPGYEPPDDQSDVDVECAQALHDCRPSQDCHNLPGSYQCTCPDGYRKIG

murine  
human

PECVDIDECRYRYCQHRCVNLPGSFRQCCEPGFQLGPNNRSCVDVNECDMGAPCEQRCFN  
PECVDIDECRYRYCQHRCVNLPGSFRQCCEPGFQLGPNNRSCVDVNECDMGAPCEQRCFN  
\*\*\*\*\*

murine  
human

Figure 4a

murine human	SYGTFLCRCNQGYELHRDGFSCSDIDECEGYSSYLCQYRCVNEPGRFSCHCPQGYQLLATR SYGTFLCRCNQGYELHRDGFSCSDIDECEGYSSYLCQYRCVNEPGRFSCHCPQGYQLLATR *****
murine human	LCQDIDECETGAHQCEAQTCVNFHGGYRCVDTNRCVEPVVQVSDNRCLCPASNPLCREQ LCQDIDECESGAIQCCEAQTCVNFHGGYRCVDTNRCVEPYIQVSENRCCLCPASNPLCREQ *****
murine human	PSSIVHRYMSITERSVPADVFIQATSVYPGAYNAFQIRSGNTQGDIFYIRQINNVSAML PSSIVHRYMTITERSVPADVFIQATSVYPGAYNAFQIRAGNSQGDIFYIRQINNVSAML *****
murine human	VLARPVTGPREYVLDLEMTMNSLMSYRASSVLRLTVFVGAYTF VLARPVTGPREYVLDLEMTMNSLMSYRASSVLRLTVFVGAYTF *****

Figure 4b

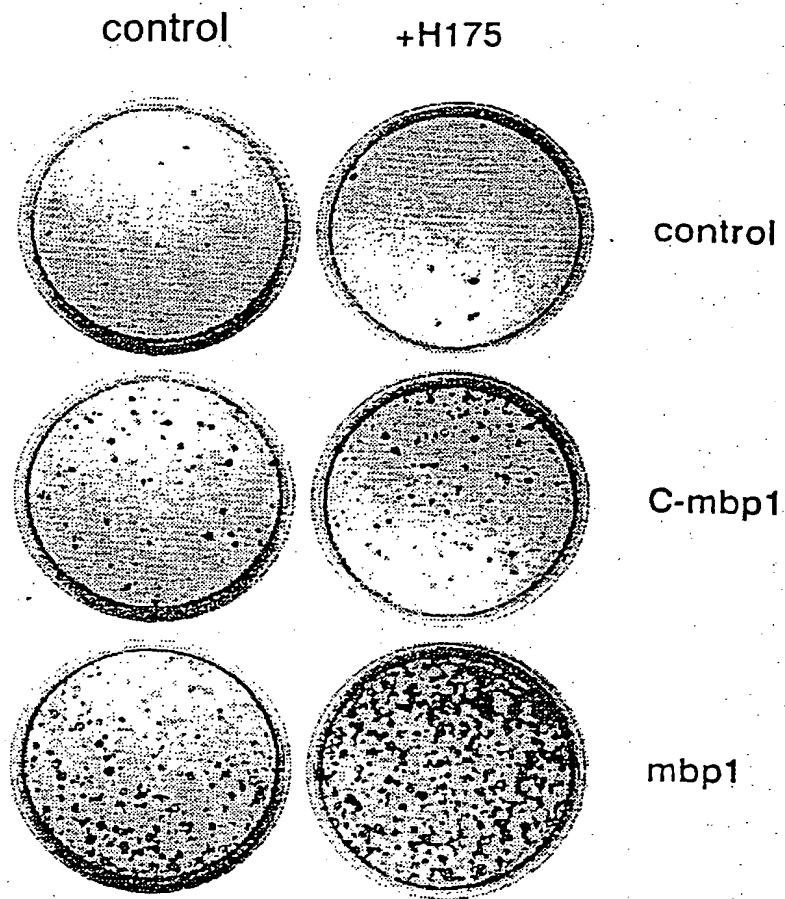


Figure 5

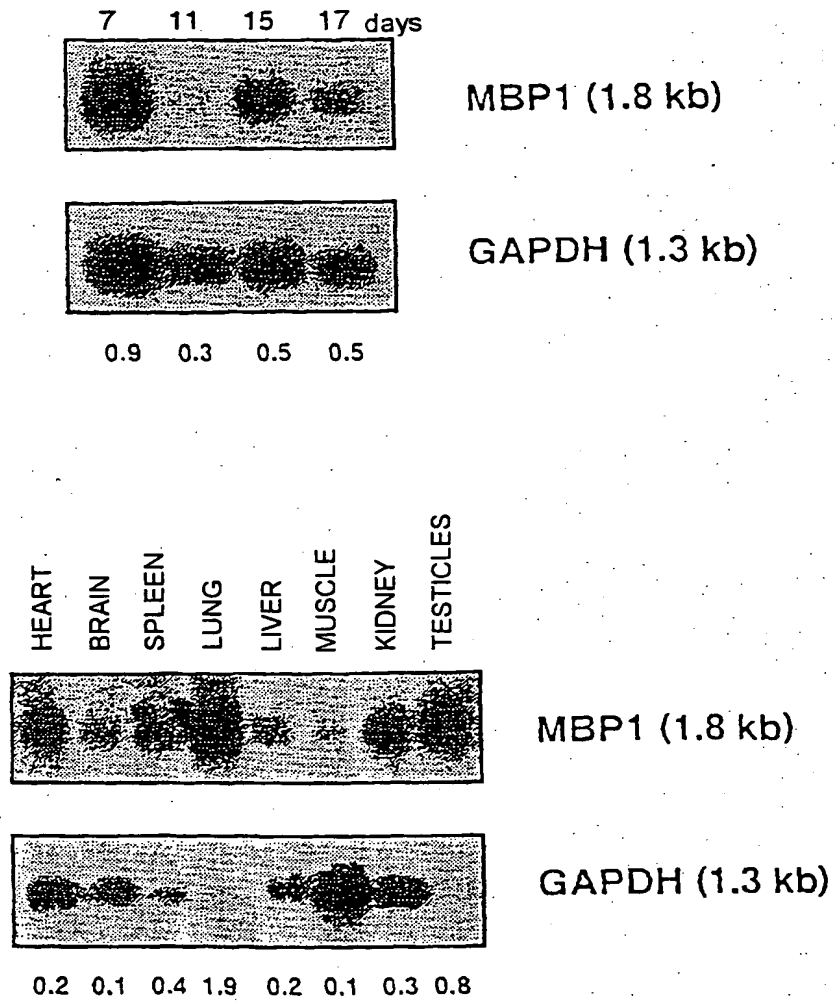


Figure 6



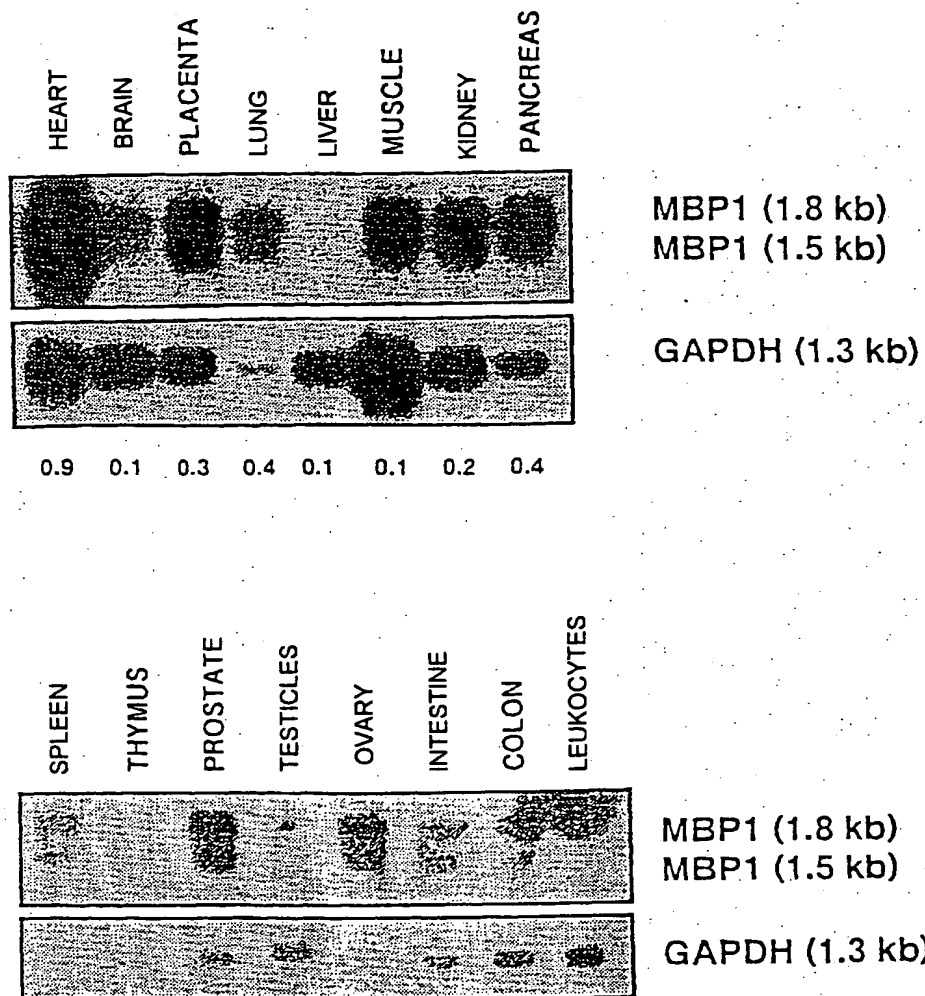


Figure 7

## PATIENT

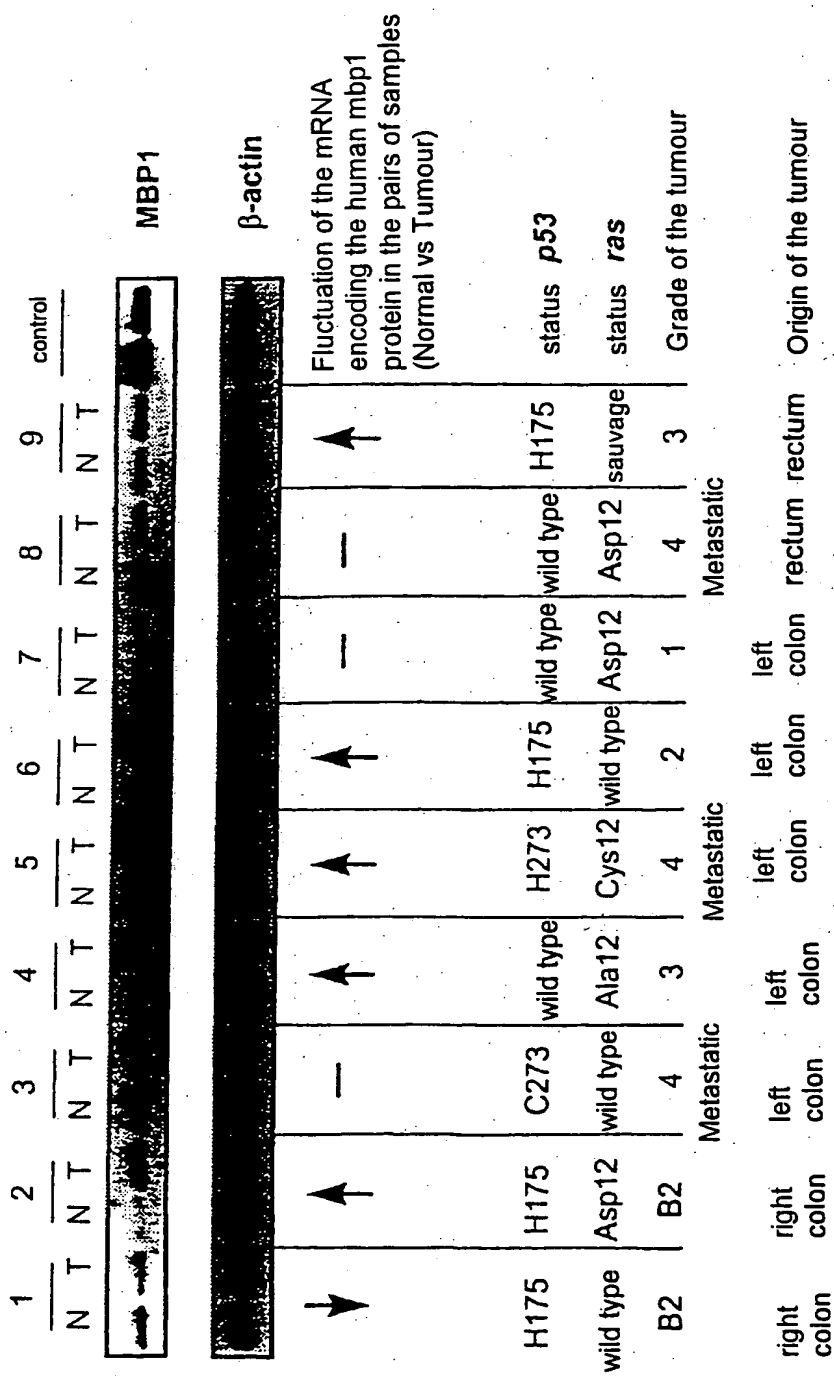


Figure 2